Heribert Schunkert

List of Publications by Year
in descending order

241 papers	43,251 citations	11651 70 h-index	2448 197 g-index
252 all docs	252 docs citations	252 times ranked	46516 citing authors

#	Article	IF	Citations
1	2018 ESC/ESH Guidelines for the management of arterial hypertension. European Heart Journal, 2018, 39, 3021-3104.	2.2	6,826
2	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
3	Biological, clinical and population relevance of 95 loci for blood lipids. Nature, 2010, 466, 707-713.	27.8	3,249
4	Low-density lipoproteins cause atherosclerotic cardiovascular disease. 1. Evidence from genetic, epidemiologic, and clinical studies. A consensus statement from the European Atherosclerosis Society Consensus Panel. European Heart Journal, 2017, 38, 2459-2472.	2.2	2,292
5	A comprehensive 1000 Genomesâ€"based genome-wide association meta-analysis of coronary artery disease. Nature Genetics, 2015, 47, 1121-1130.	21.4	2,054
6	Genomewide Association Analysis of Coronary Artery Disease. New England Journal of Medicine, 2007, 357, 443-453.	27.0	1,865
7	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. Nature Genetics, 2011, 43, 333-338.	21.4	1,685
8	Large-scale association analysis identifies new risk loci for coronary artery disease. Nature Genetics, 2013, 45, 25-33.	21.4	1,439
9	Loss-of-Function Mutations inAPOC3,Triglycerides, and Coronary Disease. New England Journal of Medicine, 2014, 371, 22-31.	27.0	936
10	Low-density lipoproteins cause atherosclerotic cardiovascular disease: pathophysiological, genetic, and therapeutic insights: a consensus statement from the European Atherosclerosis Society Consensus Panel. European Heart Journal, 2020, 41, 2313-2330.	2.2	776
11	Diagnostic Yield and Clinical Utility of Sequencing Familial Hypercholesterolemia Genes in Patients With Severe Hypercholesterolemia. Journal of the American College of Cardiology, 2016, 67, 2578-2589.	2.8	723
12	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. Nature, 2015, 518, 102-106.	27.8	581
13	Association analyses based on false discovery rate implicate new loci for coronary artery disease. Nature Genetics, 2017, 49, 1385-1391.	21.4	571
14	Genetic Loci Associated With C-Reactive Protein Levels and Risk of Coronary Heart Disease. JAMA - Journal of the American Medical Association, 2009, 302, 37.	7.4	544
15	Ticagrelor or Prasugrel in Patients with Acute Coronary Syndromes. New England Journal of Medicine, 2019, 381, 1524-1534.	27.0	543
16	A genome-wide meta-analysis identifies 22 loci associated with eight hematological parameters in the HaemGen consortium. Nature Genetics, 2009, 41, 1182-1190.	21.4	481
17	Identification of ADAMTS7 as a novel locus for coronary atherosclerosis and association of ABO with myocardial infarction in the presence of coronary atherosclerosis: two genome-wide association studies. Lancet, The, 2011, 377, 383-392.	13.7	466
18	New susceptibility locus for coronary artery disease on chromosome 3q22.3. Nature Genetics, 2009, 41, 280-282.	21.4	440

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19	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. Science, 2016, 351, 1166-1171.	12.6	438
20	Genome-wide haplotype association study identifies the SLC22A3-LPAL2-LPA gene cluster as a risk locus for coronary artery disease. Nature Genetics, 2009, 41, 283-285.	21.4	427
21	Coding Variation inANGPTL4,LPL,andSVEP1and the Risk of Coronary Disease. New England Journal of Medicine, 2016, 374, 1134-1144.	27.0	427
22	Duration of Triple Therapy in Patients Requiring Oral Anticoagulation After Drug-Eluting Stent Implantation. Journal of the American College of Cardiology, 2015, 65, 1619-1629.	2.8	401
23	Inactivating Mutations in NPC1L1 and Protection from Coronary Heart Disease. New England Journal of Medicine, 2014, 371, 2072-2082.	27.0	386
24	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	21.4	362
25	Repeated Replication and a Prospective Meta-Analysis of the Association Between Chromosome 9p21.3 and Coronary Artery Disease. Circulation, 2008, 117, 1675-1684.	1.6	356
26	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
27	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. Journal of the American College of Cardiology, 2017, 69, 2054-2063.	2.8	348
28	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	3.5	331
29	Everolimus-eluting bioresorbable vascular scaffolds versus everolimus-eluting metallic stents: a meta-analysis of randomised controlled trials. Lancet, The, 2016, 387, 537-544.	13.7	317
30	The impact of low-frequency and rare variants on lipid levels. Nature Genetics, 2015, 47, 589-597.	21.4	310
31	Genome-wide association study in Han Chinese identifies four new susceptibility loci for coronary artery disease. Nature Genetics, 2012, 44, 890-894.	21.4	295
32	Genomic prediction of coronary heart disease. European Heart Journal, 2016, 37, 3267-3278.	2.2	277
33	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. Nature Genetics, 2017, 49, 1113-1119.	21.4	260
34	Dysfunctional nitric oxide signalling increases risk of myocardial infarction. Nature, 2013, 504, 432-436.	27.8	230
35	Large-Scale Gene-Centric Meta-analysis across 32 Studies Identifies Multiple Lipid Loci. American Journal of Human Genetics, 2012, 91, 823-838.	6.2	227
36	Effect of Escitalopram on All-Cause Mortality and Hospitalization in Patients With Heart Failure and Depression. JAMA - Journal of the American Medical Association, 2016, 315, 2683.	7.4	226

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37	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. Nature Genetics, 2016, 48, 1162-1170.	21.4	223
38	Genetically Determined Height and Coronary Artery Disease. New England Journal of Medicine, 2015, 372, 1608-1618.	27.0	220
39	A decade of genome-wide association studies for coronary artery disease: the challenges ahead. Cardiovascular Research, 2018, 114, 1241-1257.	3.8	217
40	Integrative Genomics Reveals Novel Molecular Pathways and Gene Networks for Coronary Artery Disease. PLoS Genetics, 2014, 10, e1004502.	3.5	192
41	Phenotypic Characterization of GeneticallyÂLowered Human Lipoprotein(a) Levels. Journal of the American College of Cardiology, 2016, 68, 2761-2772.	2.8	186
42	Mendelian randomization studies in coronary artery disease. European Heart Journal, 2014, 35, 1917-1924.	2.2	169
43	Overview of the current status of familial hypercholesterolaemia care in over 60 countries - The EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC). Atherosclerosis, 2018, 277, 234-255.	0.8	163
44	Applications and Limitations of Mouse Models for Understanding Human Atherosclerosis. Cell Metabolism, 2017, 25, 248-261.	16.2	161
45	A Systems Biology Framework Identifies Molecular Underpinnings of Coronary Heart Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1427-1434.	2.4	157
46	Predictors of Permanent Pacemaker Implantations and New-Onset Conduction Abnormalities With the SAPIEN 3 Balloon-Expandable Transcatheter Heart Valve. JACC: Cardiovascular Interventions, 2016, 9, 244-254.	2.9	149
47	Familial hypercholesterolaemia: A global call to arms. Atherosclerosis, 2015, 243, 257-259.	0.8	148
48	Association of Rare and Common Variation in the Lipoprotein Lipase Gene With Coronary Artery Disease. JAMA - Journal of the American Medical Association, 2017, 317, 937.	7.4	148
49	Genetic Regulation of Serum Phytosterol Levels and Risk of Coronary Artery Disease. Circulation: Cardiovascular Genetics, 2010, 3, 331-339.	5.1	141
50	The impact of genomeâ€wide association studies onÂthe pathophysiology and therapy of cardiovascular disease. EMBO Molecular Medicine, 2016, 8, 688-701.	6.9	141
51	Lifelong Reduction of LDL-Cholesterol Related to a Common Variant in the LDL-Receptor Gene Decreases the Risk of Coronary Artery Diseaseâ€"A Mendelian Randomisation Study. PLoS ONE, 2008, 3, e2986.	2.5	137
52	Genetics and heritability of coronary artery disease and myocardial infarction. Clinical Research in Cardiology, 2007, 96, 1-7.	3.3	132
53	ADAMTS-7 Inhibits Re-endothelialization of Injured Arteries and Promotes Vascular Remodeling Through Cleavage of Thrombospondin-1. Circulation, 2015, 131, 1191-1201.	1.6	125
54	Genome-wide association study identifies a new locus for coronary artery disease on chromosome 10p11.23. European Heart Journal, 2011, 32, 158-168.	2.2	124

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55	Cystatin C and Cardiovascular Disease. Journal of the American College of Cardiology, 2016, 68, 934-945.	2.8	109
56	Prediction of Causal Candidate Genes in Coronary Artery Disease Loci. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2207-2217.	2.4	101
57	A missense variant in Mitochondrial Amidoxime Reducing Component 1 gene and protection against liver disease. PLoS Genetics, 2020, 16, e1008629.	3.5	101
58	Percutaneous Coronary Intervention vs Coronary Artery Bypass Grafting in Patients With Left Main Coronary Artery Stenosis. JAMA Cardiology, 2017, 2, 1079.	6.1	99
59	Neointimal Modification With Scoring Balloon and Efficacy of Drug-Coated Balloon Therapy in Patients With Restenosis in Drug-Eluting Coronary Stents. JACC: Cardiovascular Interventions, 2017, 10, 1332-1340.	2.9	98
60	Genetics of myocardial infarction: a progress report. European Heart Journal, 2010, 31, 918-925.	2.2	90
61	Pooling and expanding registries of familial hypercholesterolaemia to assess gaps in care and improve disease management and outcomes: Rationale and design of the global EAS Familial Hypercholesterolaemia Studies Collaboration. Atherosclerosis Supplements, 2016, 22, 1-32.	1.2	90
62	Eight genetic loci associated with variation in lipoprotein-associated phospholipase A2 mass and activity and coronary heart disease: meta-analysis of genome-wide association studies from five community-based studies. European Heart Journal, 2012, 33, 238-251.	2.2	89
63	High-Sensitivity Troponin T and Mortality After Elective Percutaneous Coronary Intervention. Journal of the American College of Cardiology, 2016, 68, 2259-2268.	2.8	88
64	Phenotypic Consequences of a Genetic Predisposition to Enhanced Nitric Oxide Signaling. Circulation, 2018, 137, 222-232.	1.6	87
65	Long-Term Efficacy and Safety of Paclitaxel-Eluting Balloon for the Treatment of Drug-Eluting Stent Restenosis. JACC: Cardiovascular Interventions, 2015, 8, 877-884.	2.9	85
66	Randomized Comparison of Ticagrelor versus Prasugrel in Patients with Acute Coronary Syndrome and Planned Invasive Strategyâ€"Design and Rationale of the Intracoronary Stenting and Antithrombotic Regimen: Rapid Early Action for Coronary Treatment (ISAR-REACT) 5 Trial. Journal of Cardiovascular Translational Research, 2014, 7, 91-100.	2.4	84
67	Functional Characterization of the GUCY1A3 Coronary Artery Disease Risk Locus. Circulation, 2017, 136, 476-489.	1.6	84
68	Genetic Markers Enhance Coronary Risk Prediction in Men: The MORGAM Prospective Cohorts. PLoS ONE, 2012, 7, e40922.	2.5	81
69	Elevated C-Reactive Protein in Atherosclerosis â€" Chicken or Egg?. New England Journal of Medicine, 2008, 359, 1953-1955.	27.0	80
70	Analysis of predicted loss-of-function variants in UK Biobank identifies variants protective for disease. Nature Communications, 2018, 9, 1613.	12.8	78
71	Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. PLoS Genetics, 2015, 11, e1005230.	3.5	77
72	Impact of immature platelets on platelet response to ticagrelor and prasugrel in patients with acute coronary syndrome. European Heart Journal, 2015, 36, 3202-3210.	2.2	75

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73	Systems Genetics Analysis of Genome-Wide Association Study Reveals Novel Associations Between Key Biological Processes and Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1712-1722.	2.4	72
74	Genetic Predisposition to Higher Blood Pressure Increases Coronary Artery Disease Risk. Hypertension, 2013, 61, 995-1001.	2.7	70
75	Systematic analysis of variants related to familial hypercholesterolemia in families with premature myocardial infarction. European Journal of Human Genetics, 2016, 24, 191-197.	2.8	70
76	Protein-Truncating Variants at the Cholesteryl Ester Transfer Protein Gene and Risk for Coronary Heart Disease. Circulation Research, 2017, 121, 81-88.	4.5	68
77	Genetic analysis for a shared biological basis between migraine and coronary artery disease. Neurology: Genetics, 2015, 1, e10.	1.9	61
78	Randomized trial of ticagrelor vs. aspirin in patients after coronary artery bypass grafting: the TiCAB trial. European Heart Journal, 2019, 40, 2432-2440.	2.2	61
79	Five-year outcomes from a trial of three limus-eluting stents with different polymer coatings in patients with coronary artery disease: final results from the ISAR-TEST 4 randomised trial. EuroIntervention, 2016, 11, 1372-137.	3.2	60
80	Monocytes and macrophages in cardiac injury and repair. Journal of Thoracic Disease, 2017, 9, S30-S35.	1.4	58
81	Genetic Risk Score for CoronaryÂDiseaseÂIdentifies Predispositions to Cardiovascular andÂNoncardiovascular Diseases. Journal of the American College of Cardiology, 2019, 73, 2932-2942.	2.8	58
82	Acute mental stress drives vascular inflammation and promotes plaque destabilization in mouse atherosclerosis. European Heart Journal, 2021, 42, 4077-4088.	2.2	58
83	Long-Term Outcomes After MitraClip Implantation According to the Presence or Absence of EVEREST Inclusion Criteria. American Journal of Cardiology, 2017, 119, 1255-1261.	1.6	57
84	Psoriasis and Cardiometabolic Traits: Modest Association but Distinct Genetic Architectures. Journal of Investigative Dermatology, 2015, 135, 1283-1293.	0.7	56
85	Identifying Novel Gene Variants in Coronary Artery Disease and Shared Genes With Several Cardiovascular Risk Factors. Circulation Research, 2016, 118, 83-94.	4.5	52
86	Genetics of Coronary Artery Disease and Myocardial Infarction - 2013. Current Cardiology Reports, 2013, 15, 368.	2.9	51
87	A mechanistic framework for cardiometabolic and coronary artery diseases. , 2022, 1, 85-100.		51
88	Outcomes After Transcatheter AorticÂValve Replacement Using aÂNovelÂBalloon-Expandable TranscatheterÂHeartÂValve. JACC: Cardiovascular Interventions, 2015, 8, 1809-1816.	2.9	50
89	Impact of Left Ventricular Function and Heart Failure Symptoms on Outcomes Post Ablation of Atrial Fibrillation in Heart Failure. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008461.	4.8	50
90	Familial aggregation of left main coronary artery disease and future risk of coronary events in asymptomatic siblings of affected patients. European Heart Journal, 2007, 28, 2432-2437.	2.2	49

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91	Predictors for longâ€term survival after transcatheter edgeâ€toâ€edge mitral valve repair. Journal of Interventional Cardiology, 2017, 30, 226-233.	1.2	47
92	Coronary Artery Disease Genetics Enlightened by Genome-Wide Association Studies. JACC Basic To Translational Science, 2021, 6, 610-623.	4.1	47
93	Interleukin-1Î² suppression dampens inflammatory leucocyte production and uptake in atherosclerosis. Cardiovascular Research, 2022, 118, 2778-2791.	3.8	47
94	Genetics of coronary artery disease in the light of genome-wide association studies. Clinical Research in Cardiology, 2018, 107, 2-9.	3.3	46
95	Genetics of coronary artery disease in the postâ€GWAS era. Journal of Internal Medicine, 2021, 290, 980-992.	6.0	46
96	Contribution of Gene Regulatory Networks to Heritability of CoronaryÂArtery Disease. Journal of the American College of Cardiology, 2019, 73, 2946-2957.	2.8	45
97	HeterozygousABCG5Gene Deficiency and Risk of Coronary Artery Disease. Circulation Genomic and Precision Medicine, 2020, 13, 417-423.	3.6	45
98	Human Validation of Genes Associated With a Murine Atherosclerotic Phenotype. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1240-1246.	2.4	44
99	Age- and Weight-Adapted Dose of Prasugrel Versus Standard Dose of Ticagrelor in Patients With Acute Coronary Syndromes. Annals of Internal Medicine, 2020, 173, 436-444.	3.9	44
100	Age-Related Variations in Takotsubo Syndrome. Journal of the American College of Cardiology, 2020, 75, 1869-1877.	2.8	42
101	Compartment-resolved Proteomic Analysis of Mouse Aorta during Atherosclerotic Plaque Formation Reveals Osteoclast-specific Protein Expression. Molecular and Cellular Proteomics, 2018, 17, 321-334.	3.8	40
102	Expression Quantitative Trait Loci Acting Across Multiple Tissues Are Enriched in Inherited Risk for Coronary Artery Disease. Circulation: Cardiovascular Genetics, 2015, 8, 305-315.	5.1	39
103	LDL triglycerides, hepatic lipase activity, and coronary artery disease: An epidemiologic and Mendelian randomization study. Atherosclerosis, 2019, 282, 37-44.	0.8	38
104	Bivalirudin versus heparin in patients treated with percutaneous coronary intervention: a meta-analysis of randomised trials. EuroIntervention, 2015, 11, 196-203.	3.2	38
105	Runs of Homozygosity: Association with Coronary Artery Disease and Gene Expression in Monocytes and Macrophages. American Journal of Human Genetics, 2015, 97, 228-237.	6.2	37
106	Serum microRNA-1233 is a specific biomarker for diagnosing acute pulmonary embolism. Journal of Translational Medicine, 2016, 14, 120.	4.4	36
107	Alkaline phosphatase and prognosis in patients with coronary artery disease. European Journal of Clinical Investigation, 2017, 47, 378-387.	3.4	36
108	Genetic alterations in the NO-cGMP pathway and cardiovascular risk. Nitric Oxide - Biology and Chemistry, 2018, 76, 105-112.	2.7	34

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109	Genome-Wide Association and Functional Studies Identify SCML4 and THSD7A as Novel Susceptibility Genes for Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 964-975.	2.4	32
110	Genetically modulated educational attainment and coronary disease risk. European Heart Journal, 2019, 40, 2413-2420.	2.2	32
111	Interpretation and actionability of genetic variants in cardiomyopathies: a position statement from the European Society of Cardiology Council on cardiovascular genomics. European Heart Journal, 2022, 43, 1901-1916.	2.2	32
112	Population Bias in Polygenic Risk Prediction Models for Coronary Artery Disease. Circulation Genomic and Precision Medicine, 2020, 13, e002932.	3.6	30
113	Drug-Coated Balloons for Revascularization of Infrapopliteal Arteries. JACC: Cardiovascular Interventions, 2016, 9, 1072-1080.	2.9	29
114	Comparison of Delay Times Between Symptom Onset of an Acute ST-elevation Myocardial Infarction and Hospital Arrival in Men and Women <65 Years Versus â‰¥65 Years of Age.. American Journal of Cardiology, 2017, 120, 2128-2134.	1.6	29
115	Bayesian multiple logistic regression for case-control GWAS. PLoS Genetics, 2018, 14, e1007856.	3.5	28
116	Transcription Factor MAFF (MAF Basic Leucine Zipper Transcription Factor F) Regulates an Atherosclerosis Relevant Network Connecting Inflammation and Cholesterol Metabolism. Circulation, 2021, 143, 1809-1823.	1.6	28
117	Lipid-modifying therapy and low-density lipoprotein cholesterol goal attainment in patients with familial hypercholesterolemia in Germany: The CaReHigh Registry. Atherosclerosis, 2018, 277, 314-322.	0.8	27
118	Ticagrelor or Prasugrel in Patients With Acute Coronary Syndromes and DiabetesÂMellitus. JACC: Cardiovascular Interventions, 2020, 13, 2238-2247.	2.9	27
119	Genetic variants primarily associated with type 2 diabetes are related to coronary artery disease risk. Atherosclerosis, 2015, 241, 419-426.	0.8	26
120	Network analysis reveals a causal role of mitochondrial gene activity in atherosclerotic lesion formation. Atherosclerosis, 2017, 267, 39-48.	0.8	26
121	Validation of the DAPT score in patients randomized to 6 or 12 months clopidogrel after predominantly second-generation drug-eluting stents. Thrombosis and Haemostasis, 2017, 117, 1989-1999.	3.4	26
122	Ticagrelor or Prasugrel in Patients With ST-Segmentâ€“Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. Circulation, 2020, 142, 2329-2337.	1.6	26
123	NT-proBNP Predicts Cardiovascular Death in the General Population Independent of Left Ventricular Mass and Function: Insights from a Large Population-Based Study with Long-Term Follow-Up. PLoS ONE, 2016, 11, e0164060.	2.5	25
124	No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. Scientific Reports, 2016, 6, 35278.	3.3	25
125	Genetic variation at the coronary artery disease risk locus GUCY1A3 modifies cardiovascular disease prevention effects of aspirin. European Heart Journal, 2019, 40, 3385-3392.	2.2	25
126	Functional investigation of the coronary artery disease gene SVEP1. Basic Research in Cardiology, 2020, 115, 67.	5.9	25

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127	Prolonged dual antiplatelet therapy after drug-eluting stenting: meta-analysis of randomized trials. Clinical Research in Cardiology, 2015, 104, 887-901.	3.3	24
128	Antihypertensive drugs in COVID-19 infection. European Heart Journal - Cardiovascular Pharmacotherapy, 2020, 6, 415-416.	3.0	24
129	Where the Action Isâ€"Leukocyte Recruitment in Atherosclerosis. Frontiers in Cardiovascular Medicine, 2021, 8, 813984.	2.4	24
130	Integrating Genes Affecting Coronary Artery Disease in Functional Networks by Multi-OMICs Approach. Frontiers in Cardiovascular Medicine, 2018, 5, 89.	2.4	23
131	Role of sGC-dependent NO signalling and myocardial infarction risk. Journal of Molecular Medicine, 2015, 93, 383-394.	3.9	22
132	Genetic invalidation of Lp-PLA2 as a therapeutic target: Large-scale study of five functional Lp-PLA2-lowering alleles. European Journal of Preventive Cardiology, 2017, 24, 492-504.	1.8	22
133	Emergency extracorporeal membrane oxygenation in transcatheter aortic valve implantation: A twoâ€center experience of incidence, outcome and temporal trends from 2010 to 2015. Catheterization and Cardiovascular Interventions, 2018, 92, 149-156.	1.7	22
134	Transcriptome-wide association study of coronary artery disease identifies novel susceptibility genes. Basic Research in Cardiology, 2022, 117, 6.	5.9	22
135	Genetics links between transforming growth factor Î² pathway and coronary disease. Atherosclerosis, 2016, 253, 237-246.	0.8	21
136	Risk Prediction of Cardiovascular Events by Exploration of Molecular Data with Explainable Artificial Intelligence. International Journal of Molecular Sciences, 2021, 22, 10291.	4.1	21
137	Subphenotyping of Patients With Aortic Stenosis by Unsupervised Agglomerative Clustering of Echocardiographic and Hemodynamic Data. JACC: Cardiovascular Interventions, 2021, 14, 2127-2140.	2.9	21
138	Whole-exome sequencing in an extended family with myocardial infarction unmasks familial hypercholesterolemia. BMC Cardiovascular Disorders, 2014, 14, 108.	1.7	20
139	A randomized, parallel group, double-blind study of ticagrelor compared with aspirin for prevention of vascular events in patients undergoing coronary artery bypass graft operation: Rationale and design of the Ticagrelor in CABG (TiCAB) trial. American Heart Journal, 2016, 179, 69-76.	2.7	20
140	Common and Rare Genetic Variation in CCR2 , CCR5 , or CX3CR1 and Risk of Atherosclerotic Coronary Heart Disease and Glucometabolic Traits. Circulation: Cardiovascular Genetics, 2016, 9, 250-258.	5.1	20
141	Stimulators of the soluble guanylyl cyclase: promising functional insights from rare coding atherosclerosis-related GUCY1A3 variants. Basic Research in Cardiology, 2016, 111, 51.	5.9	20
142	Effect of Erythropoietin in patients with acute myocardial infarction: five-year results of the REVIVAL-3 trial. BMC Cardiovascular Disorders, 2017, 17, 38.	1.7	20
143	Impact of Acute and Chronic Psychosocial Stress on Vascular Inflammation. Antioxidants and Redox Signaling, 2021, 35, 1531-1550.	5.4	20
144	Proximal occlusion versus distal filter for cerebral protection during carotid stenting: updated meta-analysis of randomised and observational MRI studies. EuroIntervention, 2015, 11, 238-246.	3.2	20

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145	Light to Moderate Alcohol Consumption Is Associated With Lower Risk of Aortic Valve Sclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1265-1270.	2.4	19
146	Proatherosclerotic Effect of the Î±1-Subunit of Soluble Guanylyl Cyclase by Promoting Smooth Muscle Phenotypic Switching. American Journal of Pathology, 2016, 186, 2220-2231.	3.8	19
147	Gamma-glutamyl transferase and prognosis in patients with coronary artery disease. Clinica Chimica Acta, 2016, 452, 155-160.	1.1	19
148	Genetically determined intelligence and coronary artery disease risk. Clinical Research in Cardiology, 2021, 110, 211-219.	3.3	19
149	Three-year efficacy and safety of new- versus early-generation drug-eluting stents for unprotected left main coronary artery disease insights from the ISAR-LEFT MAIN and ISAR-LEFT MAIN 2 trials. Clinical Research in Cardiology, 2016, 105, 575-584.	3.3	18
150	Impact of Atrial Fibrillation on Outcome in Takotsubo Syndrome: Data From the International Takotsubo Registry. Journal of the American Heart Association, 2021, 10, e014059.	3.7	18
151	Parallel suture technique with ProGlide: a novel method for management of vascular access during transcatheter aortic valve implantation (TAVI). EuroIntervention, 2017, 13, 928-934.	3.2	18
152	Prognostic Utility of Galectin-3 for Recurrent Cardiovascular Events During Long-term Follow-up in Patients with Stable Coronary Heart Disease: Results of the KAROLA Study. Clinical Chemistry, 2016, 62, 1372-1379.	3.2	17
153	A genomic exploration identifies mechanisms that may explain adverse cardiovascular effects of COX-2 inhibitors. Scientific Reports, 2017, 7, 10252.	3.3	16
154	Comparative efficacy of two paclitaxel-coated balloons with different excipient coatings in patients with coronary in-stent restenosis. International Journal of Cardiology, 2018, 252, 57-62.	1.7	16
155	Association of progression or regression of coronary artery atherosclerosis with long-term prognosis. American Heart Journal, 2016, 177, 9-16.	2.7	15
156	Coronary Artery Ectasia Are Frequently Observed in Patients With Bicuspid Aortic Valves With and Without Dilatation of the Ascending Aorta. Circulation: Cardiovascular Interventions, 2016, 9, .	3.9	15
157	High-sensitivity cardiac troponin T and prognosis in patients with ST-segment elevation myocardial infarction. Journal of Cardiology, 2018, 72, 220-226.	1.9	15
158	Association of the coronary artery disease risk gene GUCY1A3 with ischaemic events after coronary intervention. Cardiovascular Research, 2019, 115, 1512-1518.	3.8	15
159	Pharmacological rhythm versus rate control in patients with atrial fibrillation and heart failure: the CASTLE-AF trial. Journal of Interventional Cardiac Electrophysiology, 2021, 61, 609-615.	1.3	15
160	cGMP Signaling in Cardiovascular Diseases. Journal of Cardiovascular Pharmacology, 2020, 75, 516-525.	1.9	15
161	KCND3 potassium channel gene variant confers susceptibility to electrocardiographic early repolarization pattern. JCI Insight, 2019, 4, .	5.0	15
162	Six Versus Twelve Months Clopidogrel Therapy After Drug-Eluting Stenting in Patients With Acute Coronary Syndrome: An ISAR-SAFE Study Subgroup Analysis. Scientific Reports, 2016, 6, 33054.	3.3	14

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163	Vascular Tissue Specific miRNA Profiles Reveal Novel Correlations with Risk Factors in Coronary Artery Disease. Biomolecules, 2021, 11, 1683.	4.0	14
164	Prognostic value of thyroid-stimulating hormone within reference range in patients with coronary artery disease. Metabolism: Clinical and Experimental, 2015, 64, 1308-1315.	3.4	13
165	Inflammation-Related Risk Loci in Genome-Wide Association Studies of Coronary Artery Disease. Cells, 2021, 10, 440.	4.1	13
166	Genetically Determined Reproductive Aging and Coronary Heart Disease: A Bidirectional 2-sample Mendelian Randomization. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2952-e2961.	3.6	13
167	Relation of Gamma-Glutamyl Transferase to Cardiovascular Events in Patients With Acute Coronary Syndromes. American Journal of Cardiology, 2016, 117, 1427-1432.	1.6	12
168	Family or SNPs: what counts for hereditary risk of coronary artery disease?. European Heart Journal, 2016, 37, 568-571.	2.2	12
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